

az Japanese Patent Application No. 3-140109, disulfone compound described in JP-A No. 61-166544 are capable of being listed.

**IN THE CLAIMS:**

Please replace claims 9-15 and add new claims 21-42 as follows:

13.9. (Amended) A planographic printing plate according to claim 1, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

20 19. (Amended) A planographic printing plate according to claim 2, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

26 25. (Amended) A planographic printing plate according to claim 3, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

3 2. (Amended) A planographic printing plate according to claim 4, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or

less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

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13. (Amended) A planographic printing plate according to claim 5, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

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14. (Amended) A planographic printing plate according to claim 6, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

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15. (Amended) A planographic printing plate according to claim 7, wherein said second layer contains an infrared absorbing agent with contents on the order of 1.0 or less of an optical density of said second layer or contents of 10% by weight or less with respect to a total solid contents weight of the polymer compound in said second layer.

A4 1521.  
(New) A planographic printing plate according to claim 1, wherein said polymer, which is insoluble in water and soluble in an alkaline aqueous solution, contains an acidic group in at least one of a main chain and a side chain.

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22. (New) A planographic printing plate, comprising in the following order on a supporting body:

an intermediate layer containing a polymer which is insoluble in water and soluble in an alkaline aqueous solution; and

an image forming layer containing a cross-linking or polymeric compound, which is caused to form a covalent bond by action of one of light and heat, and therein lowers solubility of said second layer in an alkaline developing liquid.

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23. (New) A planographic printing plate, comprising in the following order on a supporting body:

an intermediate layer containing a polymer which is insoluble in water and soluble in an alkaline aqueous solution and which has a phenol group; and

an image forming layer containing a cross-linking or polymeric compound, which is caused to form a covalent bond by action of one of light and heat, and therein lowers solubility of said second layer in an alkaline developing liquid.

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24. (New) A planographic printing plate, comprising in the following order on a supporting body:

an intermediate layer containing a polymer which is insoluble in water and soluble in an alkaline aqueous solution and which has a sulfonamide group; and

an image forming layer containing a cross-linking or polymeric compound, which is caused to form a covalent bond by action of one of light and heat, and therein lowers solubility of said second layer in an alkaline developing liquid.

af <sup>32</sup>  
~~25~~. (New) A planographic printing plate according to claim <sup>31</sup>~~22~~, wherein said intermediate layer is a thermal insulating layer.

<sup>33</sup>  
~~26~~. (New) A planographic printing plate according to claim <sup>32</sup>~~25~~, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

<sup>34</sup>  
~~27~~. (New) A planographic printing plate according to claim <sup>31</sup>~~22~~, wherein said image-forming layer is a protective layer for said intermediate layer.

<sup>36</sup>  
~~28~~. (New) A planographic printing plate according to claim <sup>35</sup>~~23~~, wherein said intermediate layer is a thermal insulating layer.

<sup>37</sup>  
~~29~~. (New) A planographic printing plate according to claim <sup>36</sup>~~28~~, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

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<sup>38</sup>  
~~30.~~ (New) A planographic printing plate according to claim <sup>35</sup>~~23~~, wherein said image-forming layer is a protective layer for said intermediate layer.

<sup>40</sup>  
~~31.~~ (New) A planographic printing plate according to claim <sup>39</sup>~~24~~, wherein said intermediate layer is a thermal insulating layer.

<sup>af</sup> <sup>41</sup>  
~~32.~~ (New) A planographic printing plate according to claim <sup>40</sup>~~31~~, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

<sup>42</sup>  
~~33.~~ (New) A planographic printing plate according to claim <sup>39</sup>~~24~~, wherein said image-forming layer is a protective layer for said intermediate layer.

<sup>16</sup>  
~~34.~~ (New) A planographic printing plate according to claim 1, wherein said first layer is a thermal insulating layer.

<sup>17</sup>  
~~35.~~ (New) A planographic printing plate according to claim <sup>16</sup>~~34~~, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

<sup>18</sup>  
~~36.~~ (New) A planographic printing plate according to claim 1, wherein said second layer is a protective layer for said first layer.

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37. (New) A planographic printing plate according to claim <sup>19</sup>2, wherein said first layer is a thermal insulating layer.

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38. (New) A planographic printing plate according to claim <sup>22</sup>37, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

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39. (New) A planographic printing plate according to claim <sup>19</sup>2, wherein said second layer is a protective layer for said first layer.

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40. (New) A planographic printing plate according to claim <sup>25</sup>3, wherein said first layer is a thermal insulating layer.

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41. (New) A planographic printing plate according to claim <sup>28</sup>40, wherein said thermal insulating layer prevents heat generated by exposure from being diffused into the supporting body wherein the heat is used for a covalent bond formation reaction.

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42. (New) A planographic printing plate according to claim <sup>25</sup>3, wherein said second layer is a protective layer for said first layer.